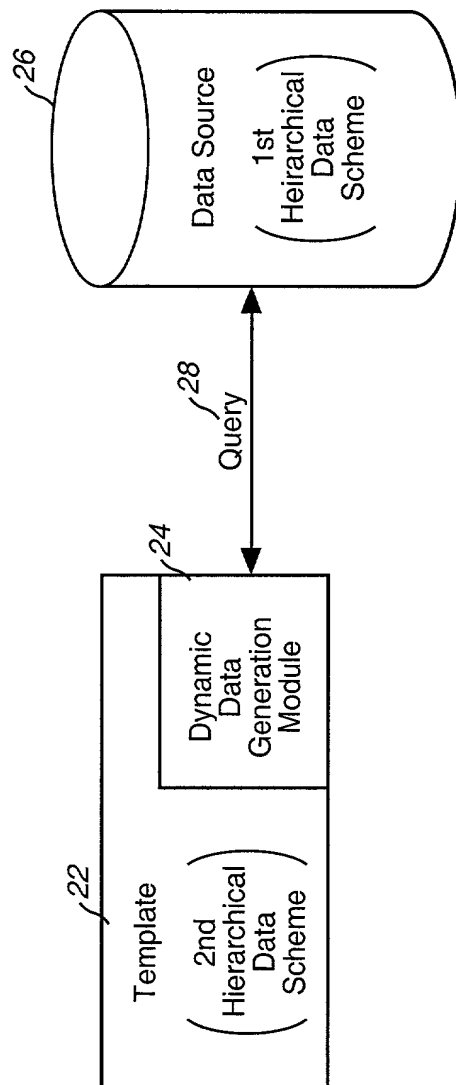


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**FIG. 1**

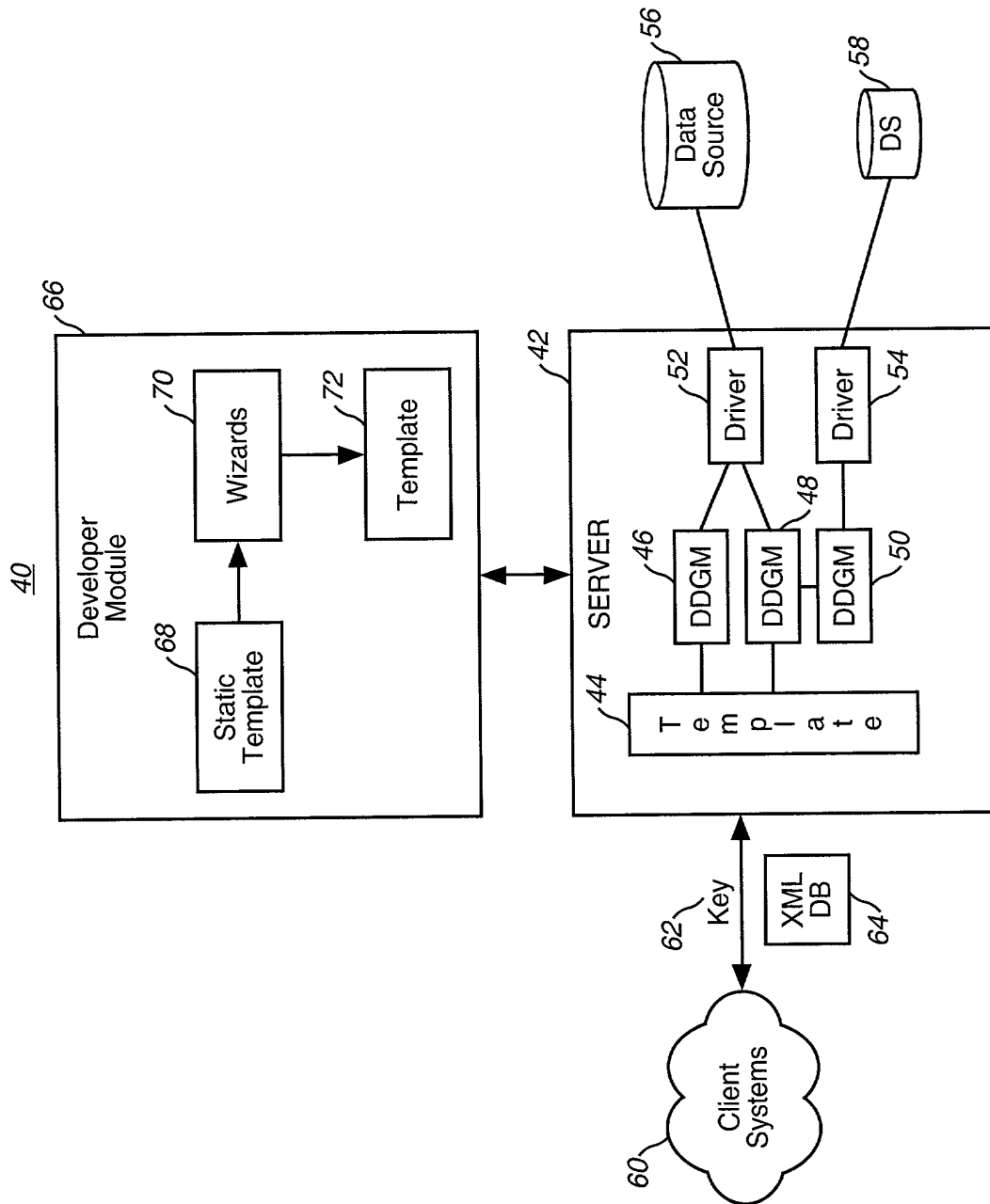


FIG. 2

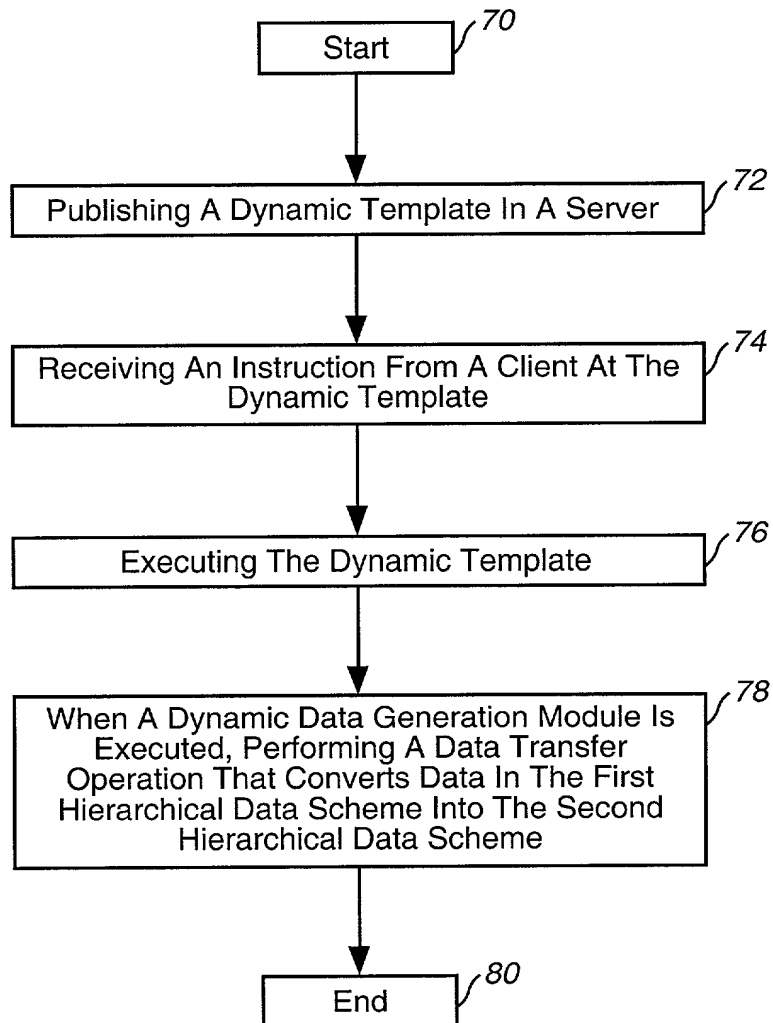


FIG. 3

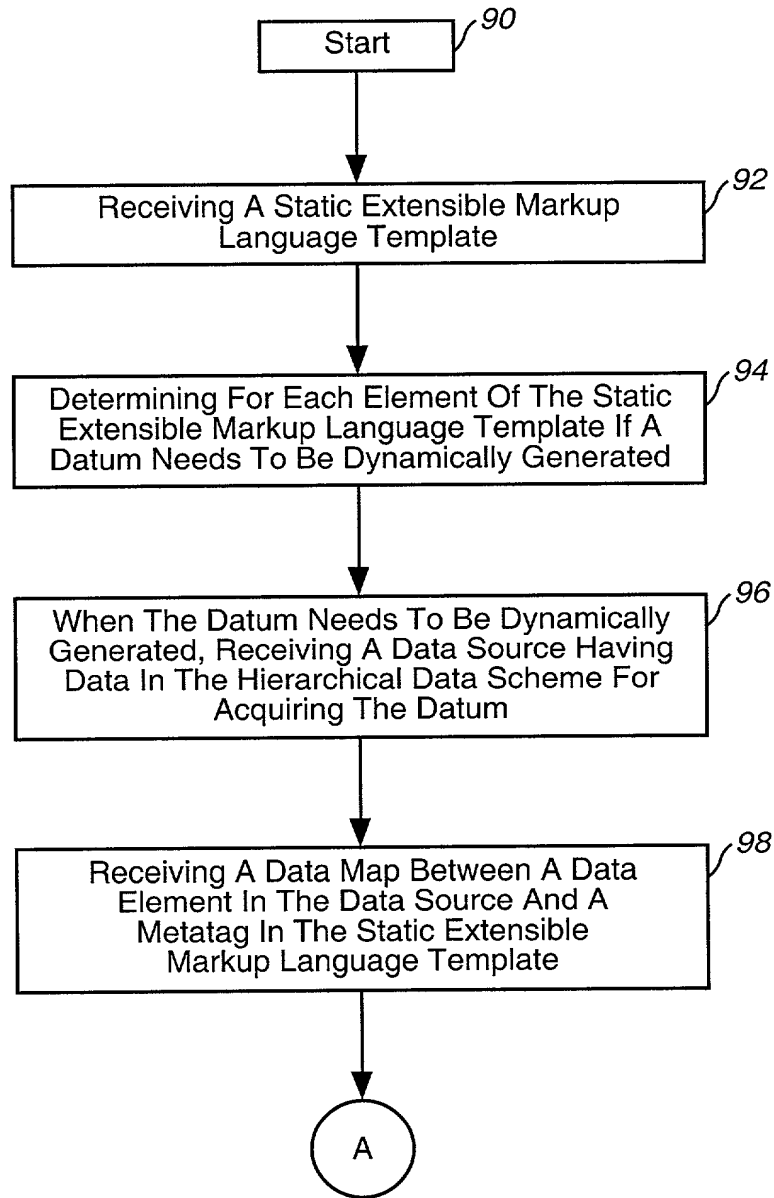


FIG. 4

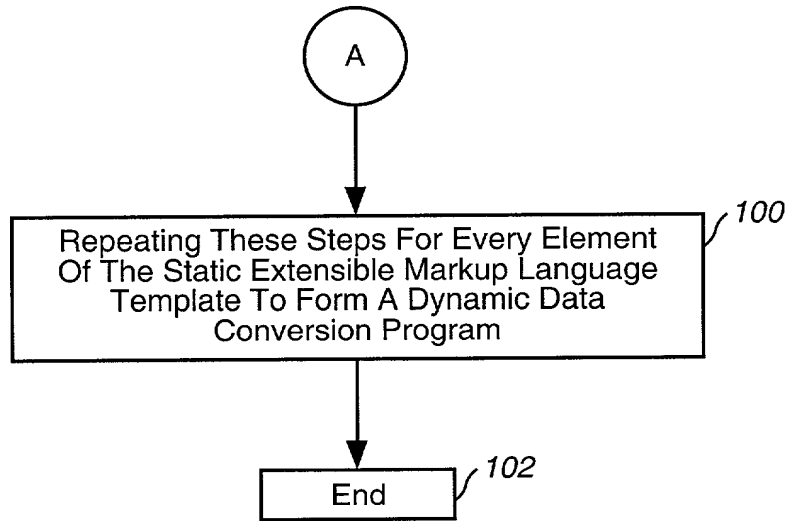


FIG. 5

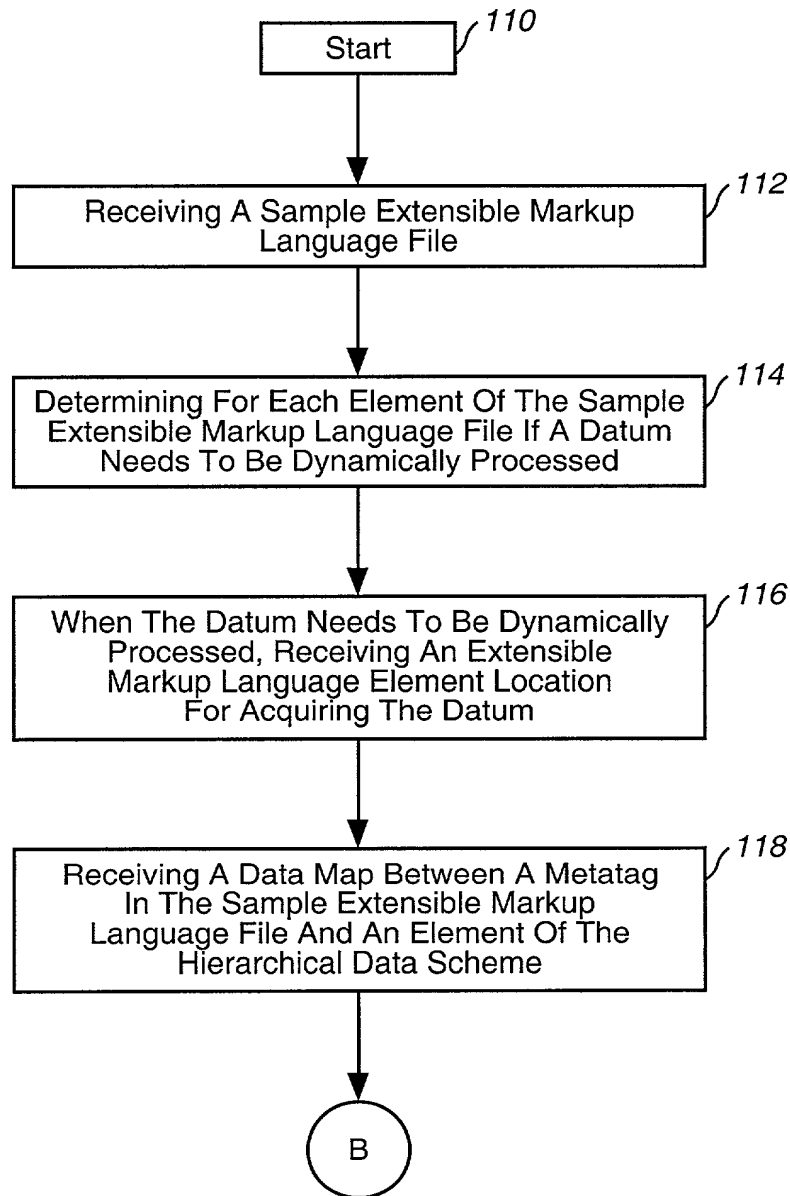
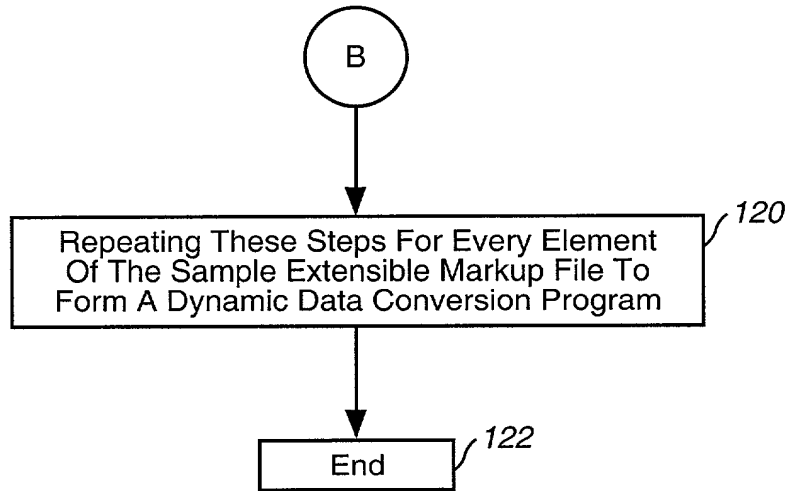


FIG. 6



**FIG. 7**

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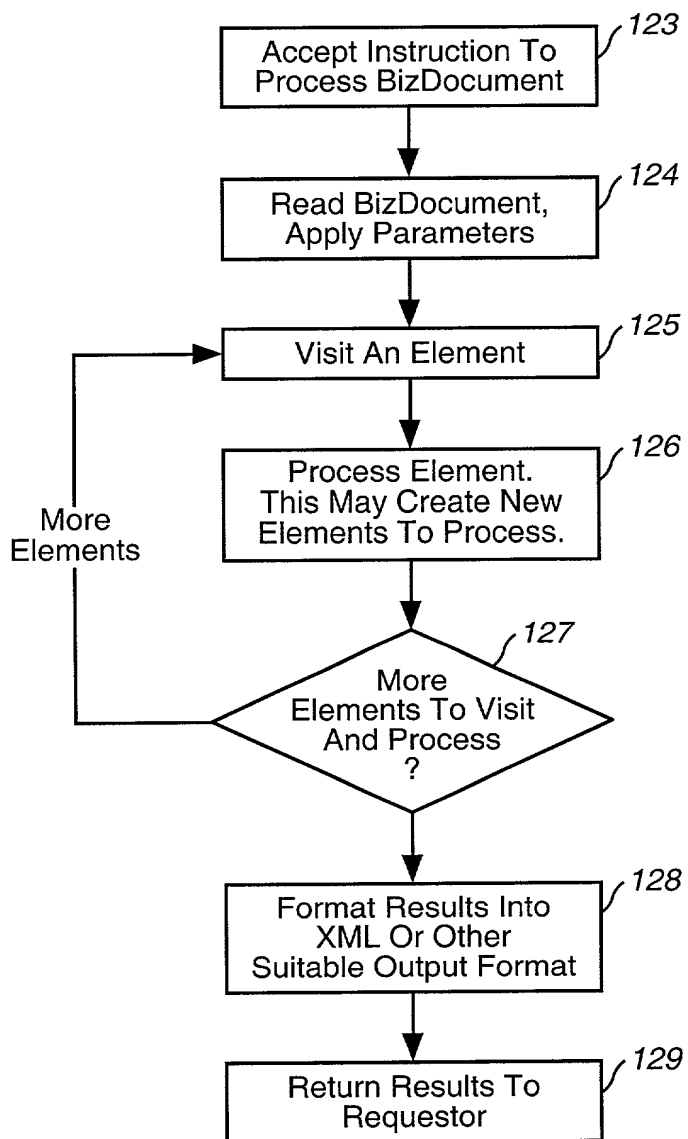


FIG. 8



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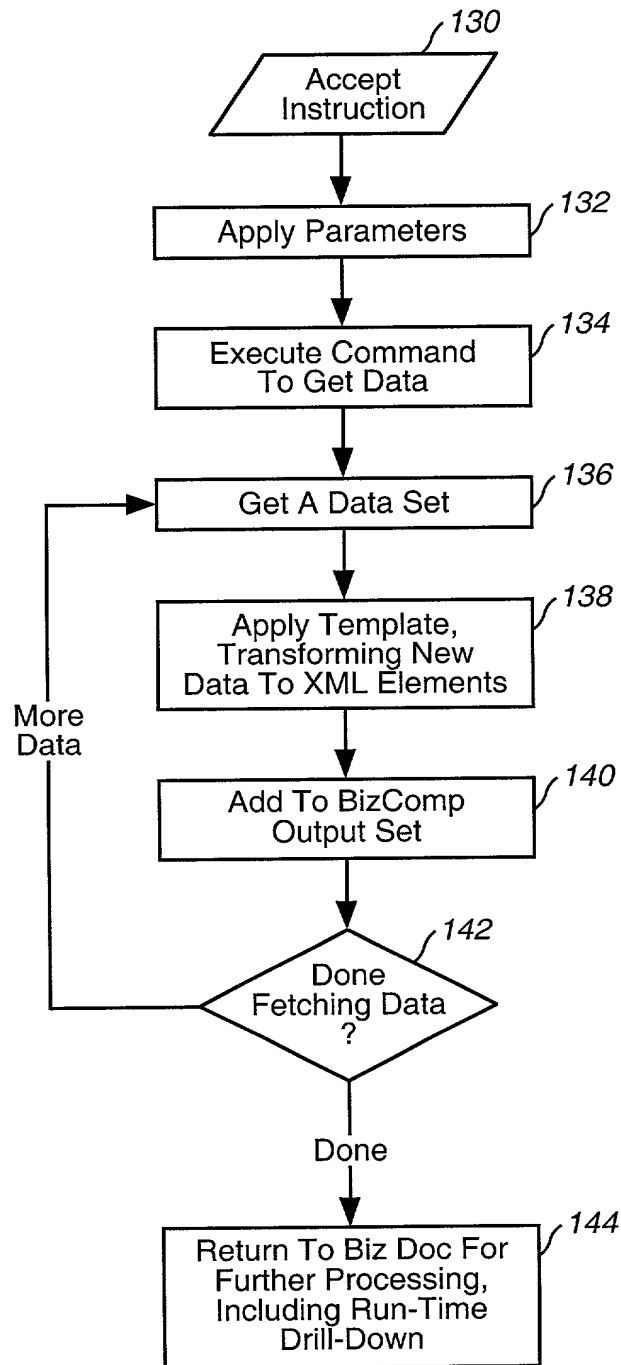


FIG. 9

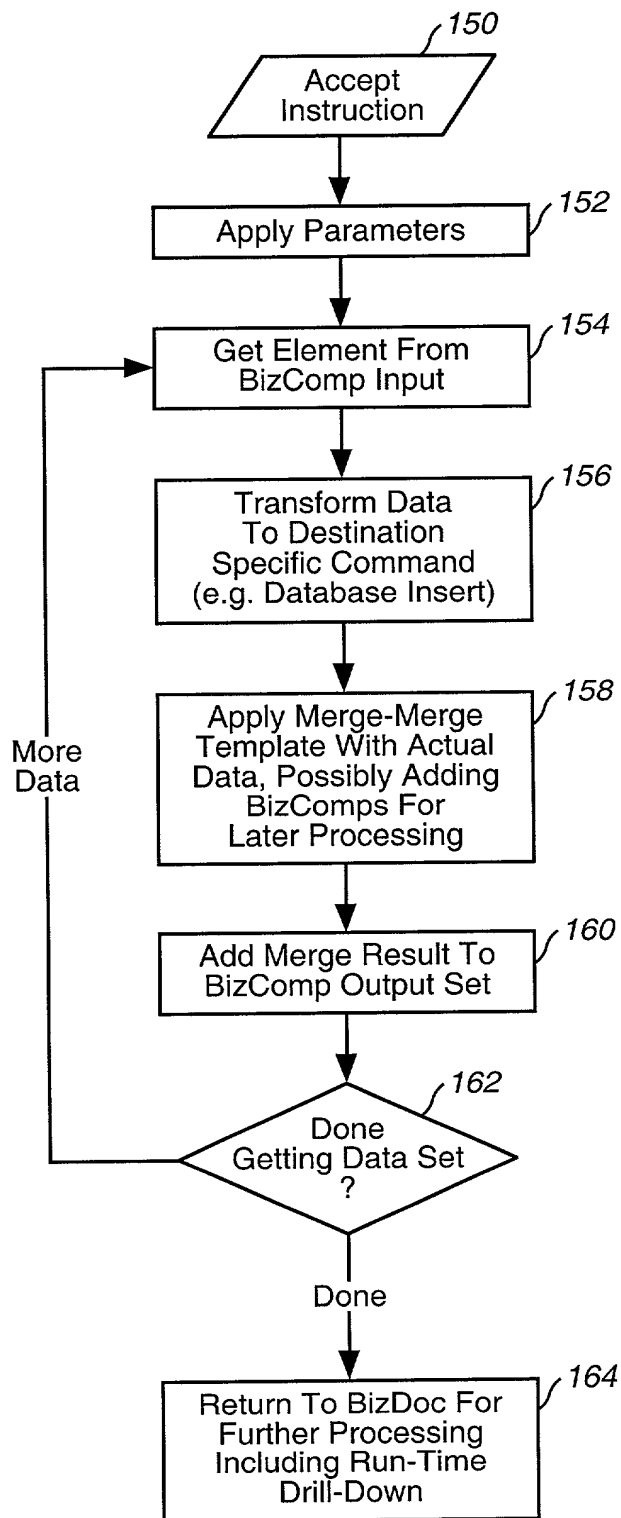


FIG. 10

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<?xml version="1.0" encoding="UTF-8"?>  
<!DOCTYPE PurchaseOrderList SYSTEM "PurchaseOrderList.dtd">  
<PurchaseOrderList>  
 <PurchaseOrder PONumber="6080">  
 <Header>  
 <fromCust acct="CST1"/>  
 <acctRep/>  
 <OrigDate>6/13/2000</OrigDate>  
 <RequiredDate>05/20/2000</RequiredDate>  
 </Header>  
 <ShipTo>  
 <company>Simple Nutrition, Inc.</company>  
 <address1>4585 Granby Cir</address1>  
 <city>Colorado Springs</city>  
 <stateProvince>CO</stateProvince>  
 <country>USA</country>  
 <postalCode>80919</postalCode>  
 </ShipTo>  
 <Items>  
 <Item>  
 <product>Tofu</product>  
 <prodno>14</prodno>  
 <unitprice>23.25</unitprice>  
 <qty>2</qty>  
 <discount>0.05</discount>  
 </Item>  
 <Item>  
 <product>Chai</product>  
 <prodno>1</prodno>  
 <unitprice>18</unitprice>  
 <qty>3</qty>  
 <discount>0.10</discount>  
 </Item>  
 </Items>  
 </PurchaseOrder>  
</PurchaseOrderList>

FIG. 11

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—XA-BizTools - PurchaseOrder\_orig.xml

File Edit View Insert Debug Window Help

PurchaseOrder\_orig.xml

xml[version="1.0"]

PurchaseOrderList

PurchaseOrder [PONumber="Orders.OrderID"]

Header

fromCust [acct="Orders.CustomerID"]=Customers.CompanyName [join Orders, Customers on CustomerID]

acctRep=Employees.FirstName Employees.LastName [join Orders, Employees on EmployeeID]

OrigDate=Orders.OrderDate

RequiredDate=Orders.RequiredDate

ShipTo

company=Orders.ShipName

address1=Orders.ShipAddress

city=Orders.ShipCity

stateProvince=Orders.ShipRegion

country=Orders.ShipCountry

<?xml version="1.0"?>

<PurchaseOrderList>

<PurchaseOrder PONumber="Orders.OrderID">

<Header>

<fromCust acct="Orders.CustomerID">Customers.CompanyName [join Orders, Customers on CustomerID]</fromCust>

<acctRep>Employees.FirstName Employees.LastName [join Orders, Employees on EmployeeID]</acctRep>

<OrigDate>Orders.OrderDate</ OrigDate>

<RequiredDate>Orders.RequiredDate</RequiredDate>

</Header>

<ShipTo>

<company>Orders.ShipName</company>

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FIG. 12

BizComp

BizDoc

BizComp

BizDriver

The BizComp specifies a logical data set for use in one or more BizDocs.  
☒ Create New BizComponent ☐ Use Existing  
Filename:     
You can design your SQL in this wizard, or for inserts or updates, SQL will be generated for you based on information you enter.  
Query Type:  Use SQL Statement   
Input Parameters for this Component:  

Name	Data Type	Default Value
<div><div></div><div></div><div></div></div>		

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Next >

Cancel

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FIG. 13

Column Map

Drag column names to the desired location in the Flow element.

Columns

Orders.OrderID  
Orders.CustomerID  
Orders.EmployeeID  
Orders.OrderDate  
Orders.RequiredDate  
Orders.ShippedDate  
Orders.ShipVia  
Orders.Freight  
Orders.ShipName  
Orders.ShipAddress  
Orders.ShipCity  
Orders.ShipRegion  
Orders.ShipPostalCode  
Orders.ShipCountry  
Customers.CompanyName  
Customers.ContactName

Row Element

PurchaseOrder

● n PONumber=Orders.OrderID 234  
+ Header  
+ fromCust=Customers.CompanyName [join Orders, ...  
+ acct=Orders.CustomerID  
+ acctRep=Employees.FirstName Employees.LastName  
+ OrigDate=Orders.OrderDate  
+ RequiredDate=Orders.RequiredDate  
+ ShipTo  
+ company=Orders.ShipName  
+ address1=Orders.ShipAddress  
+ city=Orders.ShipCity

OK

Cancel

FIG. 14

- XA-BizTools - PurchaseOrder\_xbc

File Edit View Insert Debug Window Help

- PurchaseOrder\_xbc

SQL [BIZCOMPTYPE="SQL" BIZDRIVER="northwind.xdr"]

INPUT

PARAM [NAME="Cust" Datatype="string"]

PurchaseOrder=SELECT Orders.OrderID, Orders.CustomerID, Orders.EmployeeID, Orders.OrderDate, Orders.RequiredDate, Orders.ROW\_TEMPLATE

PurchaseOrder [PONumber="%%Order!"]

Header

fromCust [acct="%%CustomerID"]=%%CompanyName

acctRep=%%EmployeeID

OrigDate=%%OrderDate

RequiredDate=%%RequiredDate

ShipTo

company=%%ShipName

address1=%%ShipAddress

city=%%ShipCity

stateProvince=%%ShipRegion

country=%%ShipCountry

postalCode=%%shipPostalCode

Items

Item

product=Product.ProductName [need to join Order Details, Products on ProductID]

prodno=Order Detail.ProductID

unitprice=Order Detail.UnitPrice

qty=Order.Detail.Quantity

<SQL\_BIZCOMPTYPE="SQL"

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FIG. 15